



(12) **United States Patent**
Hines

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(54) **SYSTEMS AND METHOD FOR USING
CLOSED CAPTIONS TO INITIATE DISPLAY
OF RELATED CONTENT ON A SECOND
DISPLAY DEVICE**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 212 days.

This patent is subject to a terminal dis-
claimer.

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See application file for complete search history.

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(57) **ABSTRACT**

This application discloses a method for using closed cap-
tions to initiate display of related content. A computer
system identifies a set of first information in closed captions
of a video stream, and searches an identity database using
the set of first information as queries. The identity database
stores a plurality of identities, and each identity is associated
with a name and an importance metric. The computer system
identifies one or more identities in the identity database
based on the respective importance metrics of the one or
more identities, and obtains second information of one or
more content files related to the identities identified in the
identity database. Upon obtaining the second information,
the computer system generates instructions to invoke an
application for presenting the second information of the one
or more content files to the user of the computing device.

20 Claims, 12 Drawing Sheets

